



LINK ELECTRONICS, INC.

Y/C VIDEO DISTRIBUTION AMPLIFIER MODEL IEC-751



MADE IN THE USA



FEATURES

- ◆ Y/C DA
- ◆ 1 input, 4 output
- ◆ Differential Input
- ◆ Uses 4 Pin DIN Conn

The IEC-751 Y/C video distribution amplifier reflects the latest in the state of the art engineering techniques. The IEC-751 is the most versatile video amplifier yet conceived, offering outstanding performance. The input is terminated internally into 75 ohms. The unit provides four outputs using four pin mini-DIN connectors.

The input "Y" and "C" signals are differential. The IEC-751 is professional quality and carries the standard ten year warranty.

- ◆ Portable
- ◆ Ten Year Warranty
- ◆ Mount 3 in 1RU Frame
- ◆ Low Power Consumption

Two gain controls on the front panel adjust the video level to +/-3dB for each the "Y" signal and the "C" signal.

The IEC-751 has a video bandwidth of 20 MHz, making it a very useful device for any Y/C application. A fuse on the front panel provides easy replacement. The IEC-751 is a self contained Y/C video DA with an on board power supply that draws only 4 watts. Three units can be mounted in a 1 RU frame.

MODEL IEC-751 SELF POWERED Y/C VIDEO DISTRIBUTION AMPLIFIER

SPECIFICATIONS

INPUT: MINI-DIN CONNECTOR

'Y" Level: 1.0Vp-p±3dB
 "C"Level: 0.287 Vp-p ±3dB
 Impedance: 75Ω, terminating
 Maximum DC on Inputs: 4V DC
 Common Mode Range: 8V p-p
 CMRR:
 60Hz: >90dB
 30KHz: >70dB
 1MHz: >45dB
 Cross Talk: >60dB

OUTPUTS:

Number: 4 Mini-DIN Connectors
 Level: Unity gain ±3dB
 Impedance: 75Ω ±1%terminated
 Frequency Response: 3dB at 0.17Hz
 ±0.1dB to 14MHz
 -0.3dB at 16MHz
 -3dB at 20MHz
 Differential Gain: 0.15%
 Differential Phase: 0.12°
 Propagation Delay: 12 nS
 RMS Noise, 20MHz Filtered: >60dB
 RMS Hum, 20MHz Filtered: >60dB
 Output Isolation: >36dB @ 3.58MHz
 Coupling: DC Servo AC
 DC Offset: <2mV
 Line Rate Tilt: <0.1%
 Field Rate Tilt: <0.1%

ENVIRONMENTAL:

Temperature: 0° to 50° C ambient
 Humidity: 10% to 90% non-condensing
 Power: 4 watts
 AC Voltage: 120/240 VAC

MECHANICAL:

Height: 1.0 Inch
 Width: 5.5 Inches
 Depth: 9.25 Inches
 Weight: 2 Pounds



PRT-700 RACK TRAY



IEC-751 REAR PANEL